	**			New collection of the Collection
	Н	ydrophobic -2 -1	0	Hydrophilic 1 ° 2
		-2 -1 	. I	·
1	-1.08		 - M	
2	-1.28	=======================================	S	
3	-1.74		: L	
4	-1.85	=======================================	_	
5	-2.11	=======================================	_	
5 6	-1.61	==========	-	
7	-1.50	=============	-	
8	-1.50	==============	L	
9	-1.28	==========	L	
10	-0.98	· ========	t	•
11	-0.38	====	S	
12	0.07		Α	=
13	0.18		L	==
14	0.48		Α	=====
15	0.50		G	====
16	0.53		Q	
17	0.42		R	
18	0.42		Q	====
19	0.43		G	====
20	0.47		T	====
21	0.23		Q	==
22	0.25		A	
23	0.38		Ε	====
24	0.38	<u>.</u>	S	====,
25 26	-0.08 -0.08	·		
27	-0.00	==	_	
28	-0.20	==	~	
29	-0.20	===	K	
30	-0.67			
31	0.25		Q	===
32	0.72		F	======
33	1.17		S	=========
34	1.15		S	=======================================
35	1.10		N	=========
36	0.82		K	======
37	0.35		E	
38	0.35		Q	==== .
39	0.32			===
40	0.32		G	===
41	0.63		V	=====
42	1.38		Q	=======================================
43	1.85		D	=======================================
44	1.05		P	========
45	0.75		Q	- 東洋東洋====
46	0.15		h	
47	-0.42	====	_	
48 49	-0.87	=======	R	the M.
49	-1.43	=======================================	. Т	Same of the second seco
				47 E E E A A

Fig. 1A

```
50
      -1.10
                             ======== I
 51
      -0.80
      -0.18
 52
                                        ==
 53
      -0.23
                                            S
 54
      -0.37
                                           \mathbf{T}
 55
      -0.25
      -0.28
 56
                                       ===G
 57
      0.22
                                            S
 58
      -0.25
                                       === I
 59
      0.05
                                            Η
 60
                                            S
      0.05
      -0.07
                                           Ρ
 61
 62
      -0.05
                                            R
 63
      -0.55
                                   ===== F
       0.37
 64
                                            Ρ
       0.40
 65
                                            Η
                                              ====
      0.42
 66
                                            \mathbf{T}
                                              ====
      0.23
 67
                                            У
 68
      -0.08
 69
     -0.33
                                           R
 70
      -1.40
 71
      -0.93
 72
     -1.17
                            ======== V
 73
      -1.17
                            ======== L
 74
     -0.95
 75
      -0.95
      0.12
 76
                                            R
       0.12
 77
                                            \mathbf{L}
 78
      0.45
                                            V
                                              =====
      0.45
 79
                                            V
 80
      -0.03
      -0.08
 81
                                         = E
      -0.55
 82
                                           Ε
      -1.35
 83
                          ========= N
 84
      -1.45
                          ======== V
 85
      -1.62
 86
      -0.55
 87
       0.25
                                            Q
       0.72
 88
                                            L
 89
       0.60
                                            \mathbf{T}
       0.67
 90
                                            \mathbf{F}
 91
       0.78
 92
       0.78
 93
       0.78
                                            R
       0.28
 94
                                            F
 95
       1.20
                                            G
       1.70
 96
 97
       2.50
 98
       1.70
 99
       1.03
100
       1.53
                                            D ======
101
       0.65
```

Fig. 1B

```
102
      0.65
                                          D ======
103
     -0.27
                                     === I
104
     -0.22
                                      == C
105
      0.45
                                          Κ
106
     -0.30
                                     === Y
107
      0.58
                                          D
                                            =====
108
      0.58
109
      1.00
110
      1.30
      1.30
111
112
      1.55
                                          Ε
                                            113
      0.98
      0.18
                                          Ρ
114
115
     -0.12
                                        = S
116
     -0.17
                                       == D
     -0.17
117
                                      == G
118
     -0.73
119
     -0.83
                                         I
120
     -0.53
121
     -0.80
122
     -0.80
     -1.37
123
124
     -1.05
                                          C
125
     -0.88
                               ====== G
126
     -0.88
                               ======= s
127
      0.18
                                          G ==
128
      0.22
                                          \mathbf{T}
                                            ==
129
     -0.02
                                          V
130
      0.28
                                          Ρ
131
      0.78
                                          G
                                            =======
      0.78
132
133
      0.32
      0.32
134
                                          Ι
      0.32
135
                                          S
136
      0.77
                                          Κ
                                            =======
137
     -0.03
                                          G
138
      0.47
                                          Ν
139
      0.02
                                          Q
140
     -0.27
                                          Ι
                                     ===
141
      0.08
                                          R
142
      0.08
                                          I
143
      0.88
144
      0.00
                                          F
      0.00
                                          V
145
      0.25
                                          S
146
147
      0.25
                                          D
                                          Ε
148
      0.25
                                     === Y
149
     -0.25
                                          F
150
      0.13
      0.13
                                          P
151
                                          S
152
     -0.03
153
     -0.38
                                    ==== E
                             ======= P
154
     -0.97
```

Fig. 1C

```
155
     -1.35
                         ======= G
156
     -1.32
157
     -1.20
                           ======= C
158
     -1.28
159
     -1.20
160
     -1.12
                            ======= Y
     -0.70
161
162
     -1.15
     -0.92
163
164
     -0.17
165
     -0.03
                                          Ρ
                                      === Q
166
     -0.28
167
     -0.27
168
      0.15
                                          \mathbf{T}
      0.27
169
                                          Ε
170
     -0.48
     -0.70
171
                                 ===== V
172
     -0.45
                                    ==== S
173
     -0.50
174
     -0.45
175
     -0.58
     -0.63
176
     -0.33
177
                                          P
178
                                  ===== P
     -0.63
179
     -0.13
     -0.48
180
                                   ==== A
     -0.70
181
     -0.37
182
                                          P
183
     -0.33
                                      === L
184
     -0.12
                                        = D
185
     -0.92
186
     -1.18
187
     -0.97
188
     -1.42
                         ======== N
189
     -2.02
190
     -2.00
191
     -2.00
192
     -0.93
193
     -0.35
                                          F
194
     -0.23
                                          s
      0.03
                                          \mathbf{T}
195
      0.60
196
197
      0.52
                                          Ε
     -0.28
198
                                      ===
                                         D
199
     -0.28
                                      === L
200
                                          Ι
      0.02
201
      0.82
202
      0.82
203
      1.03
204
      1.37
                                          \mathbf{E}
                                            ===============
205
      0.57
                                          Ρ
                                            206
      1.07
207
      0.27
```

Fig. 1D

214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232	0.27 0.93 0.60 0.52 0.52 0.82 0.25 -0.42 -0.80 -0.80 -0.80 -0.67 -0.67 -0.67 -0.67 -0.67 -0.67 -0.08 0.38 1.13 1.05 0.25		QLDLEDLYRPT WQLLGKAFVFGR	=====
234	0.23		R	==
235 236	-0.57			
237	-0.62 -0.43	====	•	
238	-0.43	====		
239	0.37		_	====
240	0.08		L	
241	0.88		L	=======
242	0.88		\mathbf{T}	=======
243	0.57		\mathbf{E}	=====
	0.12		E	=
245	-0.55	,=====	•	
246	-0.37	====		
247 248	-0.87	=======================================		
248	-0.07 0.35	-	S	====
250	-0.12	=	. C	
251	0.10		T	=
252	-0.08		P	
253	-0.03	8	R	
254	-0.83	========	· N	
255	-0.37	====	_	
256	0.55		S	=====
257	1.00		V	
258 259	$0.95 \\ 1.40$		S	=======
260	2.20		I R	
200	2.20			W.
				• .

Fig. 1E

261 262 263	1.63 1.63 1.07		E	
264	1.07		K	========
265	0.15		R	=
266	-0.92	=======	\mathbf{T}	
267	-0.85	========	_	
268	-1.35	=======================================	_	
	-1.45	==========	I	
270	-1.45	=======================================	F	
271 272	-1.33 -1.02		••	
272	-0.52	=======================================	_	
274	-0.02		C	
275	-0.02		L	
276	0.28		_	===
277	0.58			=====
	0.87		K	=======
279	0.20		R	==
280	-0.38	====	С	
	-0.38	====	G	•
282	-0.55	=====	G	
283	-0.85	=======	N	
284	-0.97	========	_	
285	-0.77	=======		
286	-0.85	=======	-	
287	-0.65	======		
288	0.02		L	
	0.15 0.27			==
	0.27		C	=
292	-0.02		N	_
	-0.05		E	
294	-0.50	====	C	
295	0.17		Q	==
296	-0.12	=		
297	-0.02		V	
298	0.73		Р	======
299	1.23		S	========
300	1.20		K	========
301	0.62		V	=====
302	1.37		Т	=============
303	1.18		K	=========
304	0.38	_	K	====
305 306	-0.08 -0.40	=		
307	0.18	====	E	==
308	-0.32	===		
309	0.43		v L	====
310	0.43	•	Ö	======
311	0.63		L	=====
312	0.68		R	_======
313	0.68		Р	=======
				ire
		Fig. 1F		i de la companya del companya de la companya del companya de la co

Fig. 1F

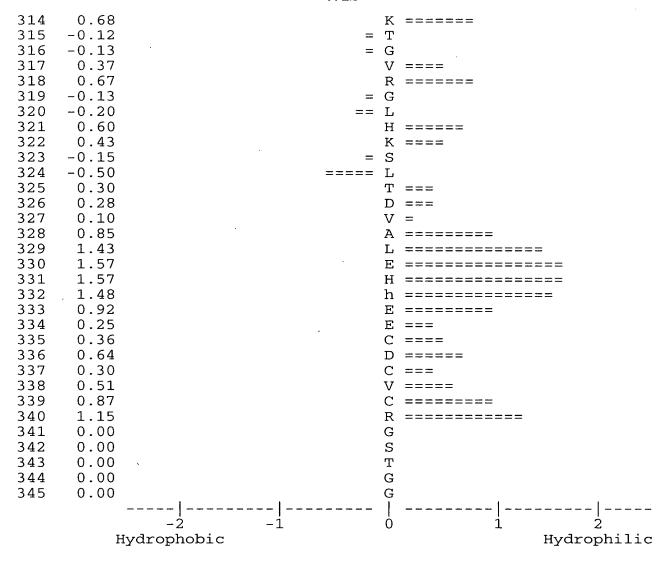


Fig. 1G

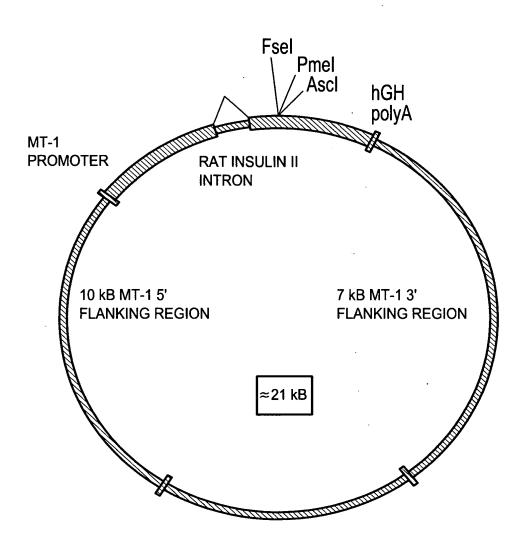


Fig. 2

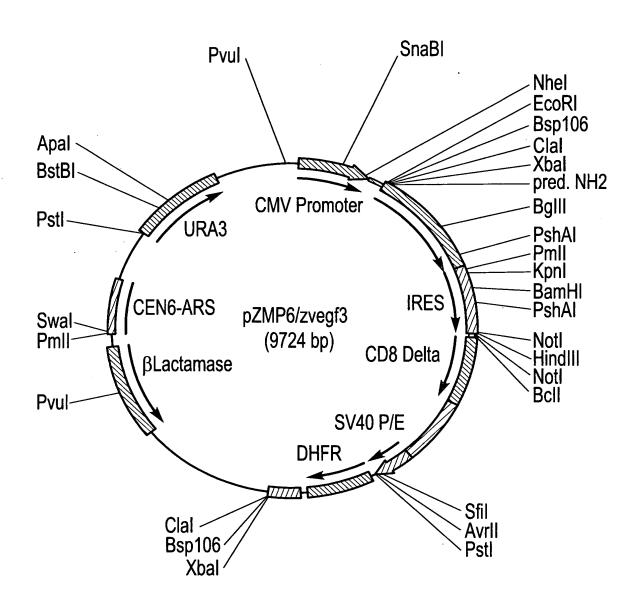


Fig. 3

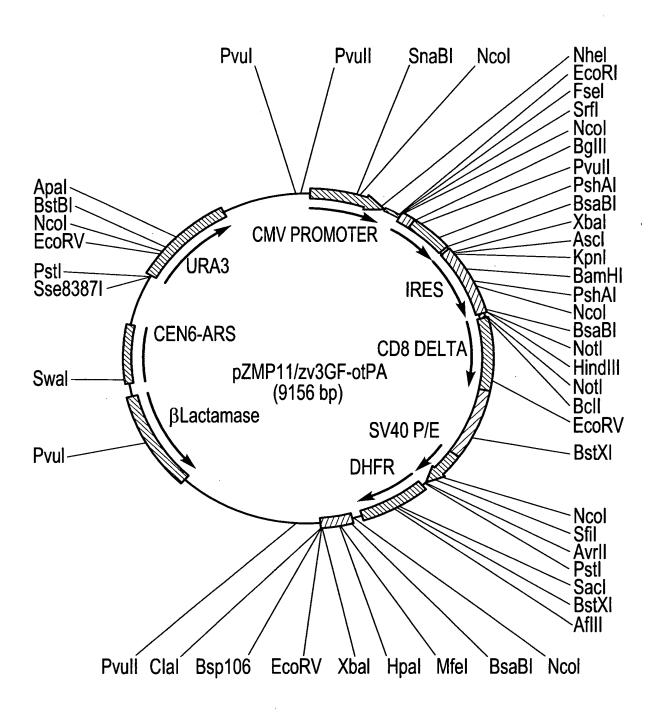


Fig. 4



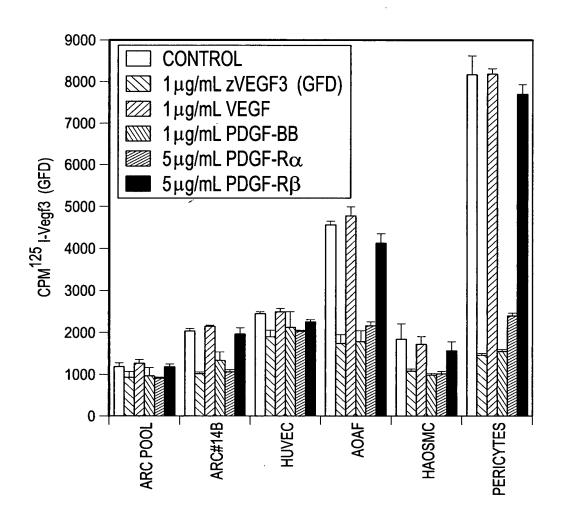


Fig. 5



MSLFGLLLLTSALAGQRQGTQAESNLSSKFQFSSNKEQNGVQDPQHERIITVSTNGSIHS MLLLGLLLLTSALAGQRTGTRAESNLSSKLQLSSDKEQNGVQDPRHERVVTISGNGSIHS PRFPHTYPRNTVLVWRLVAVEENVWIQLTFDERFGLEDPEDDICKYDFVEVEEPSDGTIL PKFPHTYPRNMVLVWRLVAVDENVRIOLTFDERFGLEDPEDDICKYDFVEVEEPSDGSVL GRWCGSGTVPGKOISKGNOIRIRFVSDEYFPSEPGFCIHYNIVMPOFTEAVSPSVLPPSA GRWCGSGTVPGKQTSKGNHIRIRFVSDEYFPSEPGFCIHYSIIMPQVTETTSPSVLPPSS LPLDLLNNAITAFSTLEDLIRYLEPERWQLDLEDLYRPTWQLLGKAFVFGRKSRVVDLNL LSLDLLNNAVTAFSTLEELIRYLEPDRWQVDLDSLYKPTWQLLGKAFLYGKKSKVVNLNL LTEEVRLYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVPSK LKEEVKLYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECOCVPRK 270 . VTKKYHEVLQLRPKTGVRGLHKSLTDVALEHHEECDCVCRGSTGG (SEQ ID NO:2) VTKKYHEVLQLRPKTGVKGLHKSLTDVALEHHEECDCVCRGNAGG (SEQ ID NO:43)

Fig. 6